

show multicast-sessions

This chapter includes the **show multicast-sessions** command output tables.

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show multicast-sessions all

Table 1: show multicast-sessions all Command Output Descriptions

Field	Description
vvvvv	Displays service and session state information. This column provides a code consisting of three characters. From left-to-right, the first character represents the **Session Type** that the subscriber is using. The possible sessopm types are: • **B**: BCMCS • **M**: MBMS Multicast • **R**: MBMS Broadcast From left-to-right, the second character represents the **Framing Type**. The possible framing types are: • **H**: HDLC Like • **S**: Segment Based • **x**: Not Applicable From left-to-right, the third character represents the **Flow Type**. The possible flow types are: • **F**: Flow • **P**: Program • **u**: Unknown From left-to-right, the fourth character represents the **Call State** of the session. The possible call states are: • **C**: Connected • **c**: Connecting • **D**: Disconnecting • **u**: Unknown From left-to-right, the fifth character represents the **Link Status** of the session. The possible idle states are: • **A**: Online/Active • **D**: Dormant/Idle
CALLID	Displays the subscriber's call identification (callid) number.

Field	Description
FLOW ID	Displays the flow identification for multicast service session.
MCAST ADDR	Displays the IP address of Broadcast Multicast service center.
APN/PORT	Displays the APN name or port number through which the multicast services is provided.
PEER ADDR	Displays the IP address of Access Gateway to which the subscriber is attached.
TIME-IDLE	Displays the amount of time that the subscriber session has been idle either in an active or dormant state.

show multicast-sessions full all

Table 2: show multicast-sessions full all Command Output Descriptions

Field	Description
Flow Id	Hex value indicating the Flow ID.
state	Indicates the status of session. The possible status are: • Connected • Connecting • Disconnecting • Unknown
Access Type	Indicates the access type of broadcast-multicast service. Possible values are: • mbms-bearer: access through MBMS bearer context • mbms-ue: access through MBMS UE context
Flow ID Type	Indicates the Flow ID type.
callid	Displays the call identification number (callid).
connect time	Displays the time of connection starts.
call duration	Specifies total duration of call session in hh:mm:ss format
idle time	Displays the amount of time that the multicast session has been idle either in an active or dormant state.
idle time left	Shows the amount of idle time left before timeout.
session time left	How much session time is left for the specified multicast session.
Multicast ip address	The IP address of the interface in the session.

Field	Description
peer address	The IP address of the peer in the session.
source context	Specifies the name of a configured source context from which the session was initiated.
destination context	Specifies the name of a configured destination context through which the subscribers are provided access to the packet data network.
output pkts	Indicates the number of packets transmitted.
output bytes	Indicates the number of bytes transmitted.
outputs pkts dropped	Indicates the number of packets that were dropped while receiving data for this multicast session.
pk rate to peer (bps)	The peak data rate, in bits per second, obtained for data sent from the subscriber to the network during the last sampling period.
pk rate to peer (pps)	The peak data rate, in packets per second, obtained for data received from the network by the subscriber during the last sampling period.
ave rate to peer (bps)	The average data rate, in bits per second, obtained for data received from the network by the subscriber during the last sampling period.
ave rate to peer (pps)	The average data rate, in packets per second, obtained for data received from the network by the subscriber during the last sampling period.
sust rate to peer (bps)	The mean data rate, in bits per second, obtained for data received from the network by the subscriber during the last three sampling periods.
sust rate to peer (pps)	The mean data rate, in packets per second, obtained for data received from the network by the subscriber during the last three sampling periods.